

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00972

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H05B 39/04 37/02 A63H 3/36
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ H05B A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Application Publications

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ, CNPAT: flash drive charge voltage vibration

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN-Y -2301735 (LIUZHANWU) 23.Dec.1998 (23.12.98) See page 1 line 1 to page	1-7
Y	CN-U -2042299 (ZENGLIXIN) 09.Aug.1989 (09.08.89) See page 1 line 1 to page	1-7
Y	GB-A -2240283 (Takara Co Ltd.) 31.Jul.1991 (31.07.91) See page 8 line 1 to page	1
Y	US-A -4327310 (Manfred Jörg.) 27. Apr.1982 (27.04.82) See col.2 line 55 to col.	1
Y	WO-A2-0160127 (THE UNIVERSITY OF BRISTOL.) 16. Aug.2001 (16.08.01)	6-7
A	CN-Y -2185494 (ZHANGMANQING) 14.Dec.1994 (14.12.94)	1-7
A	CN-U -86204357 (CAOXEXIN) 04.Feb.1987 (04.02.87)	1-7

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

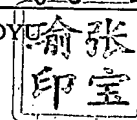
* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
20 Feb. 2004 (20.02.04)

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25 · MAR 2004 (25 · 03 · 2004)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00972

Patent document Cited in search report	Publication date	Patent family member(s)	Publication date
CN-Y-2301735	23.Dec.1998	None	
CN-U-2042299	09.Aug.1989	None	
GB-A-2240283	31.Jul.1991	LU-A-87668	15.May. 1990
		NL-A-9000209	16. Aug.1991
		CA-A-2008723	26. Jul.1991
		BR-A-9000359	08. Oct.1991
		BE-A-1003289	18. Feb.1992
		CN-A-1053584	07. Aug .1991.
		ES-A6-2031739	16. Dec.1992
US-A-4327310	27. Apr.1982	DE-A-2906473	21. Aug.1980
		SE-A-8001290	22. Sep.1980
WO-A2-0160127	16. Aug.2001	AU-A-200128683	20. Aug.2001
		GB-A-2359150	15. Aug 2001.
CN-Y -2185494	14.Dec.1994	None	
CN-U -86204357	04.Feb.1987	None	